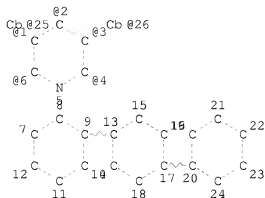


=> d 13
 L3 HAS NO ANSWERS
 L3 STR



VPA 25-2/1/6 U
 VPA 26-3/4 U
 NODE ATTRIBUTES:
 DEFAULT MLEVEL IS ATOM
 DEFAULT ELEVEL IS LIMITED

GRAPH ATTRIBUTES:
 RSPEC 1
 NUMBER OF NODES IS 26

STEREO ATTRIBUTES: NONE

=> d his 15

(FILE 'REGISTRY' ENTERED AT 08:25:14 ON 30 OCT 2008)
 L5 29 S L3 FUL

=> d his 17

(FILE 'CAPLUS' ENTERED AT 08:31:10 ON 30 OCT 2008)
 FILE 'REGISTRY' ENTERED AT 08:33:56 ON 30 OCT 2008
 L7 3 S L5 AND ?NITRILE

=> d his 18

(FILE 'REGISTRY' ENTERED AT 08:33:56 ON 30 OCT 2008)
 L8 26 S L5 NOT L7

=> d his 19

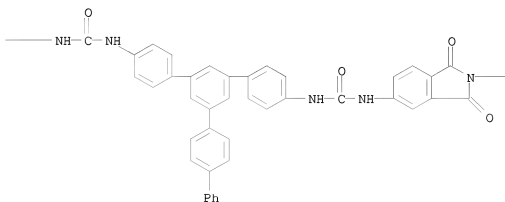
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 FILE 'CAPLUS' ENTERED AT 08:35:54 ON 30 OCT 2008
 L9 23 S L8

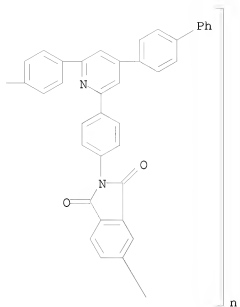
=> d bib hitstr 1-23

L9 ANSWER 1 OF 23 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2008:691255 CAPLUS

DN 149:176983
 TI New organosoluble and thermally stable poly(ureaamide)s prepared from one-pot polyaddition reactions
 AU Behniafar, Hossein; Amrai, Mehrtaaj
 CS School of Chemistry, Damghan University of Basic Sciences, Damghan, Iran
 SO Journal of Applied Polymer Science (2008), 109(2), 727-735
 CODEN: JAPNAB; ISSN: 0021-8995
 PB John Wiley & Sons, Inc.
 DT Journal
 LA English
 IT 1039138-86-7P
 RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation) (organosol. and thermally stable poly(ureaamide)s prepared from one-pot polyaddn. reactions)
 RN 1039138-86-7 CAPLUS
 CN Poly[(1,3-dihydro-1,3-dioxo-2H-isoindole-5,2-diyl)-1,4-phenylene(4-[1,1'-biphenyl]-4-yl-2,6-pyridinediyl)-1,4-phenylene(1,3-dihydro-1,3-dioxo-2H-isoindole-2,5-diyl)iminocarbonylimino(5'-[1,1'-biphenyl]-4-yl[1,1':3':1''-terphenyl]-4,4''-diyl)iminocarbonylimino] (CA INDEX NAME)

PAGE 1-A

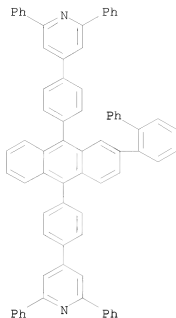




RE.CNT 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2007:997656 CAPLUS
DN 147:332726
TI Organic electroluminescent devices with high luminescent efficiency and
stability on repetitive uses
IN Amano, Saneomi
PA Toyo Ink Mfg. Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 41pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2007227717	A	20070906	JP 2006-48076	20060224
PRAI	JP 2006-48076		20060224		
OS	MARPAT 147:332726				
IT	948031-98-9				
RL:	TEM (Technical or engineered material use); USES (Uses)				
	(host, emitting layers; organic electroluminescent devices having anthracene compound-based host-guest-type emitting layers)				
RN	948031-98-9	CAPLUS			
CN	Pyridine, 4,4'-[2-(1,1'-biphenyl)-2-yl-9,10-anthracenediyl]di-4,1-phenylene]bis[2,6-diphenyl- (CA INDEX NAME)				



L9 ANSWER 3 OF 23 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2006:632785 CAPLUS

DN 145:103730

TI Preparation of heterocyclic ring-containing anthracene derivatives for use in organic electroluminescent element

IN Kawamura, Masahiro; Hosokawa, Chishio

PA Idemitsu Kosan Co., Ltd., Japan

SO PCT Int. Appl., 73 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

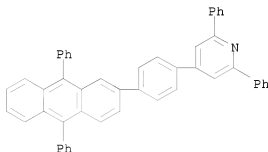
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006067931	A1	20060629	WO 2005-JP21664	20051125
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	JP 2006176448	A	20060706	JP 2004-371919	20041222
	CN 101087759	A	20071212	CN 2005-80044211	20051125
	KR 2007088728	A	20070829	KR 2007-714150	20070621
	US 20080111473	A1	20080515	US 2007-722609	20070622
PRAI	JP 2004-371919	A	20041222		
	WO 2005-JP21664	W	20051125		
OS	MARPAT 145:103730				
IT	895150-93-3P				

RL: DEV (Device component use); SPN (Synthetic preparation); TEM

(Technical or engineered material use); PREP (Preparation); USES (Uses)
 (preparation of heterocyclic ring-containing anthracene derivs. for use in
 organic electroluminescent element)

RN 895150-93-3 CAPLUS

CN Pyridine, 4-[4-(9,10-diphenyl-2-anthracenyl)phenyl]-2,6-diphenyl- (CA
 INDEX NAME)



RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 4 OF 23 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2006:632732 CAPLUS

DN 145:103546

TI Preparation of biscarbazole derivatives as charge-transporting materials,
 and organic electroluminescent elements

IN Yabe, Masayoshi; Sato, Hideki

PA Pioneer Corporation, Japan; Mitsubishi Chemical Corporation

SO PCT Int. Appl., 137 pp.

CODEN: PIXXD2

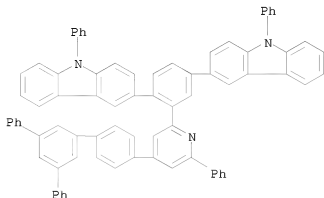
DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006067976	A1	20060629	WO 2005-JP22635	20051209
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	JP 2006199679	A	20060803	JP 2005-355790	20051209
	EP 1829871	A1	20070905	EP 2005-814748	20051209
	R: DE				
	CN 101087776	A	20071212	CN 2005-80044718	20051209
	KR 2007090952	A	20070906	KR 2007-714364	20070622
	US 20080145699	A1	20080619	US 2007-722760	20070625
PRAI	JP 2004-373981	A	20041224		
	WO 2005-JP22635	W	20051209		
OS	CASREACT 145:103546; MARPAT 145:103546				

IT 895147-64-5P
 RL: DEV (Device component use); SPN (Synthetic preparation); TEM
 (Technical or engineered material use); PREP (Preparation); USES (Uses)
 (preparation of biscarbazole derivs. as charge-transporting materials, and
 organic electroluminescent elements)
 RN 895147-64-5 CAPLUS
 CN 9H-Carbazole, 3,3'-(2-(6-phenyl-4-(5'-phenyl[1,1':3',1''-terphenyl]-4-yl)-
 2-pyridinyl)-1,4-phenylene)bis[9-phenyl- (9CI) (CA INDEX NAME)



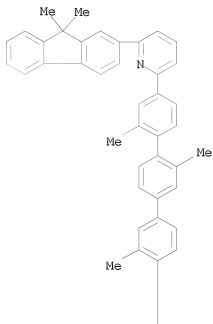
RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 5 OF 23 CAPLUS COPYRIGHT 2008 ACS ON STN
 AN 2006:318346 CAPLUS
 DN 144:378693
 TI Compounds with phenylene and fluorene moieties and organic
 electroluminescent devices using same
 IN Hashimoto, Masashi; Okada, Shinjiro; Takiguchi, Takao; Kamatani, Jun;
 Igawa, Satoshi; Kurokawa, Minako; Iwakaki, Hironobu; Ooishi, Ryota
 PA Canon Kabushiki Kaisha, Japan
 SO PCT Int. Appl., 131 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2006035997	A1	20060406	WO 2005-JP18393	20050928
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
JP 2006124373	A	20060518	JP 2005-234360	20050812
CN 1926082	A	20070307	CN 2005-80006133	20050928
US 20070122652	A1	20070531	US 2006-583770	20060621
PRAI JP 2004-283238	A	20040929		

JP	2005-234360	A	20050812
WO	2005-JP18393	W	20050928
OS	MARPAT 144:378693		
IT	1056167-04-4 1056167-07-7 1056167-28-2		
	1056167-31-7		
	RL: PRPH (Prophetic)		
	(Compounds with phenylene and fluorene moieties and organic electroluminescent devices using same)		
RN	1056167-04-4 CAPLUS		
CN	INDEX NAME NOT YET ASSIGNED		

PAGE 1-A

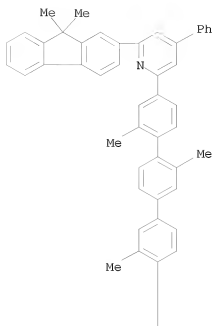


PAGE 2-A



RN	1056167-07-7	CAPLUS
CN	INDEX NAME NOT YET ASSIGNED	

PAGE 1-A

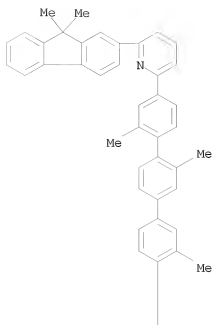


PAGE 2-A

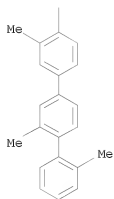


RN 1056167-28-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

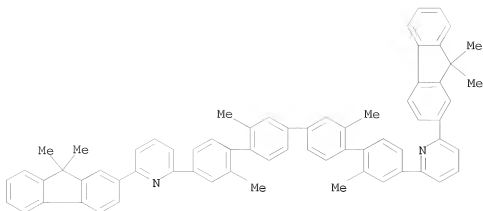
PAGE 1-A



PAGE 2-A



RN 1056167-31-7 CAPLUS
CN INDEX NAME NOT YET ASSIGNED



RE.CNT 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 6 OF 23 CAPLUS COPYRIGHT 2008 ACS ON STN
AN 2006:304052 CAPLUS
DN 145:9179
TI Preparation of oligomer electroluminescent material with fluorene or
anthracene as major structural members
IN Wang, Wei; Jiang, Hongji; Feng, Jiachun; Wei, Wei
PA Fudan University, Peop. Rep. China
SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 14 pp.
CODEN: CNXXEV

DT Patent
LA Chinese

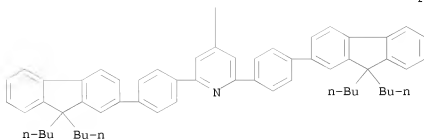
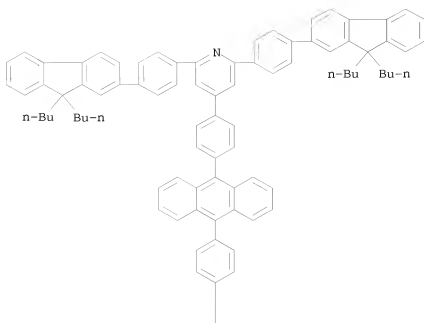
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1737080	A	20060222	CN 2005-10029515	20050908
PRAI	CN 2005-10029515		20050908		
IT	888040-31-1P 888040-33-3P				

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of oligomer electroluminescent material with fluorene or
anthracene as major structural members)

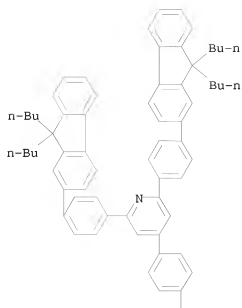
RN 888040-31-1 CAPLUS

CN Pyridine, 4,4'-(9,10-anthracenediyl-di-4,1-phenylene)bis[2,6-bis[4-(9,9-dibutyl-9H-fluoren-2-yl)phenyl]- (9CI) (CA INDEX NAME)

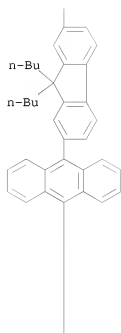


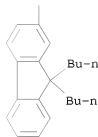
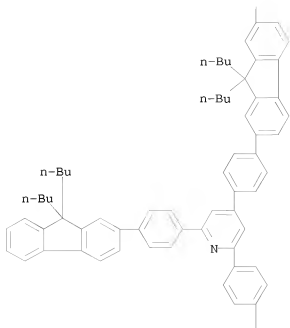
RN 888040-33-3 CAPLUS
 CN Pyridine, 4,4'-[9,10-anthracenediylbis[(9,9-dibutyl-9H-fluorene-7,2-diyl)-
 4,1-phenylene]]bis[2,6-bis[4-(9,9-dibutyl-9H-fluoren-2-yl)phenyl]- (9CI)
 (CA INDEX NAME)

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L9 ANSWER 7 OF 23 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2005:239095 CAPLUS
 DN 142:306183
 TI Electroluminescent device
 IN Schaefer, Thomas; Bardon, Kristina; Rogers, Jonathan; Craig, Michael Robert
 PA Ciba Specialty Chemicals Holding Inc., Switz.
 SO PCT Int. Appl., 55 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005023960	A1	20050317	WO 2004-EP51930	20040827
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,			

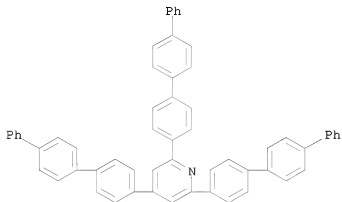
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
 NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
 TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
 AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
 EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
 SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
 SN, TD, TG

EP 1660609 A1 20060531 EP 2004-786239 20040827
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK

CN 1845980 A 20061011 CN 2004-80025516 20040827
 JP 2007504199 T 20070301 JP 2006-525141 20040827
 US 20060226766 A1 20061012 US 2006-568724 20060217
 PRAI EP 2003-102707 A 20030905
 WO 2004-EP51930 W 20040827

OS MARPAT 142:306183
 IT 847694-37-5P
 RL: DEV (Device component use); SPN (Synthetic preparation); PREP
 (Preparation); USES (Uses)
 (electroluminescent device containing pyridine derivative as light emitting
 compound)

RN 847694-37-5 CAPLUS
 CN Pyridine, 2,4,6-tris([1,1':4',1''-terphenyl]-4-yl)- (9CI) (CA INDEX NAME)

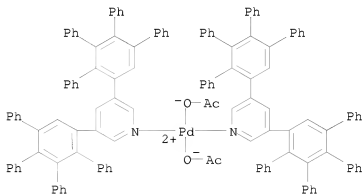


RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

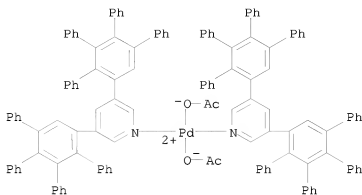
L9 ANSWER 8 OF 23 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2005:235092 CAPLUS
 DN 142:316572
 TI Pyridine ligands, oxidation catalysts containing them, and preparation of
 ketones or aldehydes using them
 IN Tsuji, Yasuyuki; Tokunaga, Makoto; Ohora, Koji; Iwasawa, Tetsuro
 PA Japan Science and Technology Agency, Japan
 SO Jpn. Kokai Tokkyo Koho, 13 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 2005068078	A	20050317	JP 2003-300263	20030825
PRAI JP 2003-300263		20030825		

OS MARPAT 142:316572
 IT 717105-93-6
 RL: CAT (Catalyst use); USES (Uses)
 (preparation of pyridine ligands for Pd complex catalysts for oxidation of
 alcs. into ketones or aldehydes)
 RN 717105-93-6 CAPLUS
 CN Palladium, bis(acetato-κO)bis[3,5-bis(5',6'-diphenyl[1,1':2',1''-
 terphenyl]-3'-yl)pyridine]-, (SP-4-1)- (9CI) (CA INDEX NAME)

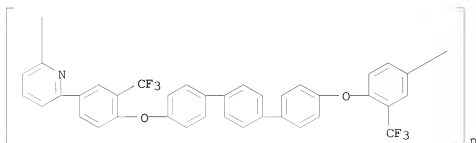


L9 ANSWER 9 OF 23 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2004:369456 CAPLUS
 DN 141:88659
 TI Homogeneous Palladium Catalyst Suppressing Pd Black Formation in Air
 Oxidation of Alcohols
 AU Iwasawa, Tetsuo; Tokunaga, Makoto; Obora, Yasushi; Tsuji, Yasushi
 CS Catalysis Research Center and Division of Chemistry, Graduate School of
 Science, Hokkaido University, Sapporo, 001-0021, Japan
 SO Journal of the American Chemical Society (2004), 126(21), 6554-6555
 CODEN: JACSAT; ISSN: 0002-7863
 PB American Chemical Society
 DT Journal
 LA English
 OS CASREACT 141:88659
 IT 717105-93-6P
 RL: CAT (Catalyst use); SPN (Synthetic preparation); PREP (Preparation);
 USES (Uses)
 (use of a homogeneous palladium catalyst that suppresses Pd black
 formation in air oxidation of alcs.)
 RN 717105-93-6 CAPLUS
 CN Palladium, bis(acetato-κO)bis[3,5-bis(5',6'-diphenyl[1,1':2',1''-
 terphenyl]-3'-yl)pyridine]-, (SP-4-1)- (9CI) (CA INDEX NAME)



RE.CNT 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

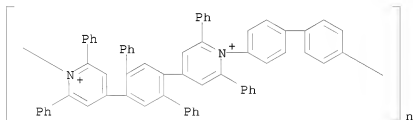
L9 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2002:5413 CAPLUS
DN 136:247990
TI Synthesis and characterization of poly(arylene ether)s derived from
4,4'-bishydroxybiphenyl and 4,4'-bishydroxyterphenyl
AU Salunke, Arun Kashinath; Madhra, Mukesh Kumar; Sharma, Manta; Banerjee,
Susanta
CS Synthetic Chemistry (Polymer Group), Defence Research and Development
Establishment, Gwalior, 474002, India
SO Journal of Polymer Science, Part A: Polymer Chemistry (2001), Volume Date
2002, 40(1), 55-69
CODEN: JPACEC; ISSN: 0887-624X
PB John Wiley & Sons, Inc.
DT Journal
LA English
IT 404017-97-6P
RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
(synthesis and characterization of poly(arylene ether)s)
RN 404017-97-6 CAPLUS
CN Poly[2,6-pyridinediyl[3-(trifluoromethyl)-1,4-phenylene]oxy[1,1':4',1''-
terphenyl]-4,4''-diyoxy[2-(trifluoromethyl)-1,4-phenylene]] (9CI) (CA
INDEX NAME)



RE.CNT 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 11 OF 23 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2000:208034 CAPLUS
DN 132:334934
TI Synthesis of poly(pyridinium salts) from novel bis(pyrylium triflates)

AU Wayton, Gerald B.; Harris, Frank W.
 CS Maurice Morton Institute and Department of Polymer Science, University of Akron, Akron, OH, 44325, USA
 SO Polymer Preprints (American Chemical Society, Division of Polymer Chemistry) (2000), 41(1), 54-55
 CODEN: ACPPAY; ISSN: 0032-3934
 PB American Chemical Society, Division of Polymer Chemistry
 DT Journal
 LA English
 IT 267412-28-2P
 RL: PEP (Physical, engineering or chemical process); PRP (Properties); SPN (Synthetic preparation); PREP (Preparation); PROC (Process)
 (synthesis and degradation of poly(pyridinium salts) from bis(pyrylium triflates))
 RN 267412-28-2 CAPLUS
 CN Poly[(2,6-diphenylpyridinium-1,4-diyl)[1,1':4',1''-terphenyl]-2',5'-diyl(2,6-diphenylpyridinium-4,1-diyl)[1,1'-biphenyl]-4,4'-diyl salt with trifluoromethanesulfonic acid (1:2)] (9CI) (CA INDEX NAME)
 CM 1
 CRN 267412-27-1
 CMF (C64 H44 N2)n
 CCI PMS



CM 2
 CRN 37181-39-8
 CMF C F3 O3 S



RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 12 OF 23 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1999:559111 CAPLUS
 DN 132:180897
 TI Poly(pyridinium salts): synthesis and polymerization of new bis(pyrylium triflates)
 AU Wayton, Gerald B.; Lin, Feiyue; Harris, Frank W.
 CS Department of Polymer Science, University of Akron, Akron, OH, 44325, USA
 SO Polymer Preprints (American Chemical Society, Division of Polymer

Chemistry) (1999), 40(2), 876-877

CODEN: ACPPAY; ISSN: 0032-3934

PB American Chemical Society, Division of Polymer Chemistry

DT Journal

LA English

IT 259266-09-6P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and characterization of)

RN 259266-09-6 CAPLUS

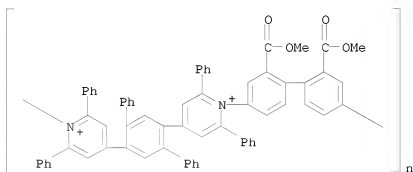
CN Poly[(2,6-diphenylpyridinium-1,4-diyl)[1,1':4',1''-terphenyl]-2',5'-
diyl(2,6-diphenylpyridinium-4,1-diyl)[2,2'-bis(methoxycarbonyl)[1,1'-
biphenyl]-4,4'-diyl] salt with trifluoromethanesulfonic acid (1:2)] (9CI)
(CA INDEX NAME)

CM 1

CRN 259266-08-5

CMF (C68 H48 N2 O4)_n

CCI PMS



CM 2

CRN 37181-39-8

CMF C F3 O3 S



RE.CNT 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 13 OF 23 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1998:397810 CAPLUS

DN 129:68171

OREF 129:14155a,14158a

TI Manufacture of polypyridinium salts useful as electric conductors

IN Harris, Frank; Chuang, Chun Hua K.

PA University of Akron, USA

SO U.S., 15 pp., Cont.-in-part of U. S. Ser. No. 967,246, abandoned.

CODEN: USXXAM

DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5763563	A	19980609	US 1994-296807	19940819
	US 5863651	A	19990126	US 1998-90012	19980603
PRAI	US 1989-402126	B2	19890901		
	US 1991-703159	B2	19910520		
	US 1992-967246	B2	19921027		
	US 1994-296807	A1	19940819		

IT 122538-91-4P
 RL: IMF (Industrial manufacture); PREP (Preparation)
 (manufacture of polypyridinium salts useful as elec. conductors)

RN 122538-91-4 CAPLUS

CN Poly[(2,6-diphenylpyridinium-1,4-diyl)-1,4-phenylene(2,6-diphenylpyridinium-4,1-diyl)[1,1':4',1''-terphenyl]-4,4''-diyl bis[tetrafluoroborate(1-)] (9CI) (CA INDEX NAME)

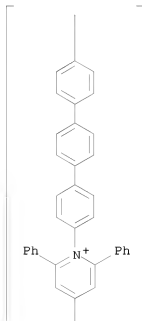
CM 1

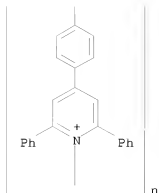
CRN 122538-90-3

CMF (C58 H40 N2)n

CCI PMS

PAGE 1-A





CM 2

CRN 14874-70-5

CMF B F4

CCI CCS



RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 14 OF 23 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1996:265062 CAPLUS

DN 124:290635

OREF 124:53913a,53916a

TI Polypyridinium salts

IN Harris, Frank W.; Chuang, Chun Hua K.

PA University of Akron, USA

SO Can. Pat. Appl., 48 pp.

CODEN: CPXXEB

DT Patent

LA English

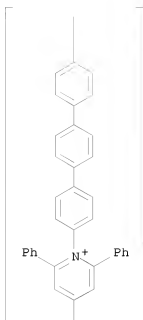
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CA 2124647	A1	19951201	CA 1994-2124647	19940530
	CA 2124647	C	20070501		
PRAI	CA 1994-2124647		19940530		
IT	122538-91-4P				
	RL: IMF (Industrial manufacture); PREP (Preparation)				
	(polypyridinium salts for elec. conductors)				
RN	122538-91-4	CAPLUS			
CN	Poly[(2,6-diphenylpyridinium-1,4-diyl)-1,4-phenylene(2,6-diphenylpyridinium-4,1-diyl)[1,1':4',1''-terphenyl]-4,4''-diyl bis[tetrafluoroborate(1-)]] (9CI) (CA INDEX NAME)				

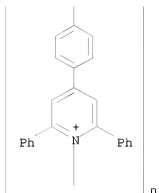
CM 1

CRN 122538-90-3
 CME (C58 H40 N2)n
 CCI PMS

PAGE 1-A



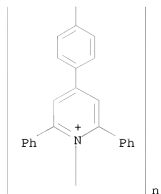
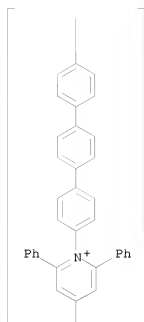
PAGE 2-A



CM 2
 CRN 14874-70-5
 CME B F4
 CCI CCS



L9 ANSWER 15 OF 23 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1995:225221 CAPLUS
 DN 122:10863
 OREF 122:2391a,2394a
 TI Aromatic poly(pyridinium salt)s: synthesis and structure of
 organo-soluble, rigid-rod poly(pyridinium tetrafluoroborate)s
 AU Harris, Frank W.; Chuang, Kethy C.; Huang, Shel Ann X.; Janimak, James J.;
 Cheng, Stephen Z. D.
 CS Department Polymer Science, University Akron, Akron, OH, 44325-3909, USA
 SO Polymer (1994), 35(23), 4940-8
 CODEN: POLMAG; ISSN: 0032-3861
 PB Elsevier
 DT Journal
 LA English
 IT 122538-91-4P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation and characterization of organo-soluble rigid-rod
 poly(pyridinium
 tetrafluoroborates))
 RN 122538-91-4 CAPLUS
 CN Poly[(2,6-diphenylpyridinium-1,4-diyl)-1,4-phenylene(2,6-
 diphenylpyridinium-4,1-diyl)[1,1':4',1''-terphenyl]-4,4''-diyl
 bis[tetrafluoroborate(1-)] (9CI) (CA INDEX NAME)
 CM 1
 CRN 122538-90-3
 CMF (C58 H40 N2)n
 CCI PMS



CM 2

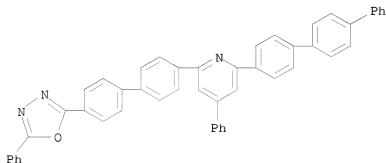
CRN 14874-70-5

CMF B F4

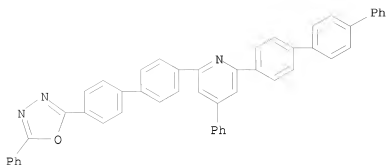
CCI CCS



L9 ANSWER 16 OF 23 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1992:194228 CAPLUS
 DN 116:194228
 OREF 116:32913a,32916a
 TI The synthetic use of 2-(4'-acetylbiphenyl-4-yl)-5-phenyl-1,3,4-oxadiazole
 for preparation of new heterocyclic luminophores
 AU Lhotak, Pavel; Kurfurst, Antonin; Nadenik, Petr
 CS Dep. Org. Chem., Prague Inst. Chem. Technol., Prague, 166 28, Czech.
 SO Collection of Czechoslovak Chemical Communications (1992), 57(2), 385-92
 CODEN: CCCCCK; ISSN: 0010-0765
 DT Journal
 LA English
 OS CASREACT 116:194228
 IT 127930-69-2P
 RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
 (preparation and fluorescence of)
 RN 127930-69-2 CAPLUS
 CN Pyridine, 4-phenyl-2-[4'-(5-phenyl-1,3,4-oxadiazol-2-yl)[1,1'-biphenyl]-4-
 yl]-6-[1,1':4,1''-terphenyl]-4-yl- (9CI) (CA INDEX NAME)



L9 ANSWER 17 OF 23 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1990:552328 CAPLUS
 DN 113:152328
 OREF 113:25895a,25898a
 TI New heterocyclic luminophores based on
 2-(biphenyl-4-yl)-5-phenyl-1,3,4-oxadiazole
 AU Lhotak, P.; Kurfurst, A.; Kuthan, J.
 CS Dep. Org. Chem., Inst. Chem. Technol., Prague, Czech.
 SO Studies in Organic Chemistry (Amsterdam) (1988), 35(Chem. Heterocycl.
 Compd.), 388-90
 CODEN: SOCHDQ; ISSN: 0165-3253
 DT Journal
 LA English
 IT 127930-69-2P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 127930-69-2 CAPLUS
 CN Pyridine, 4-phenyl-2-[4'-(5-phenyl-1,3,4-oxadiazol-2-yl)[1,1'-biphenyl]-4-
 yl]-6-[1,1':4,1''-terphenyl]-4-yl- (9CI) (CA INDEX NAME)



L9 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1990:431709 CAPLUS

DN 113:31709

OREF 113:5299a,5302a

TI Luminophors based on bis(4,6-diarylpyridin-2-yl)-arenes and their preparation

IN Kurfuerst, Antonin; Lhotak, Pavel; Kuthan, Josef

PA Czech.

SO Czech., 4 pp.

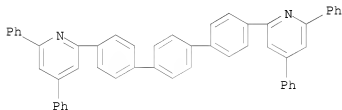
CODEN: CZXXA9

DT Patent

LA Czech

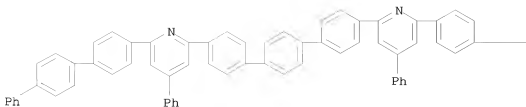
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CS 262585	B1	19890314	CS 1987-9348	19871217
PRAI	CS 1987-9348		19871217		
OS	MARPAT 113:31709				
IT	123825-62-7P 127930-65-8P				
	RL: PREP (Preparation)				
	(preparation of, for luminophors)				
RN	123825-62-7	CAPLUS			
CN	Pyridine, 2,2'-[1,1':4',1''-terphenyl]-4,4''-diylbis[4,6-diphenyl- (9CI)				
	(CA INDEX NAME)				



RN 127930-65-8 CAPLUS

CN Pyridine, 2,2'-[1,1':4',1''-terphenyl]-4,4''-diylbis[4-phenyl-6-[1,1':4',1''-terphenyl]-4-yl- (9CI) (CA INDEX NAME)



L9 ANSWER 19 OF 23 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1990:431708 CAPLUS

DN 113:31708

OREF 113:5299a,5302a

TI Luminophors containing 2-biphenyl-4-yl- and 5-phenyl-1,3,4-oxadiazole derivatives of 2,4,6-triarylpyridines and their preparation

IN Kurfuerst, Antonin; Lhotak, Pavel; Kuthan, Josef

PA Czech.

SO Czech., 4 pp.

CODEN: CZXXA9

DT Patent

LA Czech

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CS 262586	B1	19890314	CS 1987-9349	19871217
PRAI	CS 1987-9349		19871217		

OS MARPAT 113:31708

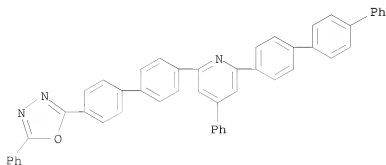
IT 127930-69-2

RL: PRP (Properties)

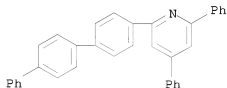
(luminophor containing)

RN 127930-69-2 CAPLUS

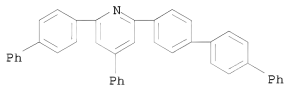
CN Pyridine, 4-phenyl-2-[4'-(5-phenyl-1,3,4-oxadiazol-2-yl)[1,1'-biphenyl]-4-yl]-6-[1,1':4',1''-terphenyl]-4-yl- (9CI) (CA INDEX NAME)



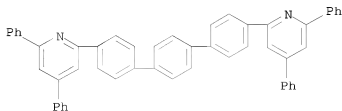
L9 ANSWER 20 OF 23 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1989:632515 CAPLUS
 DN 111:232515
 OREF 111:38617a,38620a
 TI Oligophenylene 2,4,6-triarylpyridines and analogous diaza-p-terphenyls,
 diaza-p-quaterphenyls and diaza-p-quinquephenyls with luminiscent activity
 AU Kurfurst, Antonin; Lhotak, Pavel; Petru, Miroslav; Kuthan, Josef
 CS Dep. Org. Chem., Prague Inst. Chem. Technol., Prague, 166 28, Czech.
 SO Collection of Czechoslovak Chemical Communications (1989), 54(2), 462-72
 CODEN: CCCCAK; ISSN: 0010-0765
 DT Journal
 LA English
 OS CASREACT 111:232515
 IT 104584-72-7P 122504-26-1P 123825-62-7P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation and luminescence characteristics of)
 RN 104584-72-7 CAPLUS
 CN Pyridine, 2,4-diphenyl-6-[1,1':4',1''-terphenyl]-4-yl- (9CI) (CA INDEX
 NAME)



RN 122504-26-1 CAPLUS
 CN Pyridine, 2-[1,1'-biphenyl]-4-yl-4-phenyl-6-[1,1':4',1''-terphenyl]-4-yl-
 (9CI) (CA INDEX NAME)

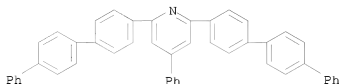


RN 123825-62-7 CAPLUS
 CN Pyridine, 2,2'-[1,1':4',1''-terphenyl]-4,4''-diylbis[4,6-diphenyl- (9CI)
 (CA INDEX NAME)

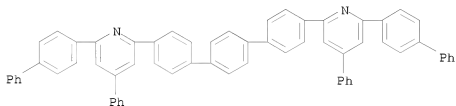


IT 122504-27-2P 123825-63-8P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)

RN 122504-27-2 CAPLUS
 CN Pyridine, 4-phenyl-2,6-bis([1,1':4',1''-terphenyl]-4-yl)- (9CI) (CA INDEX NAME)



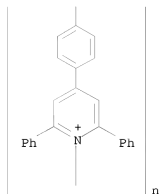
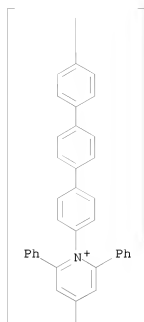
RN 123825-63-8 CAPLUS
 CN Pyridine, 2,2'-[1,1':4',1''-terphenyl]-4,4''-diylbis[6-[1,1'-biphenyl]-4-yl]-4-phenyl- (9CI) (CA INDEX NAME)



L9 ANSWER 21 OF 23 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1989:554457 CAPLUS
 DN 111:154457
 OREF 111:25781a,25784a
 TI Ring-transmutation polymerization: synthesis and characterization of aromatic polypyridinium salts
 AU Harris, Frank W.; Chuang, Chun Hua K.
 CS Dep. Polym. Sci., Univ. Akron, Akron, OH, 44325, USA
 SO Polymer Preprints (American Chemical Society, Division of Polymer Chemistry) (1989), 30(1), 433-4
 CODEN: ACPPAY; ISSN: 0032-3934
 DT Journal
 LA English
 IT 122538-91-4P
 RL: SPN (Synthetic preparation); PREP (Preparation) (preparation and viscosity and thermal properties of)
 RN 122538-91-4 CAPLUS
 CN Poly[(2,6-diphenylpyridinium-1,4-diyl)-1,4-phenylene(2,6-diphenylpyridinium-4,1-diyl)[1,1':4',1''-terphenyl]-4,4''-diyl bis[tetrafluoroborate(1-)]] (9CI) (CA INDEX NAME)

CM 1

CRN 122538-90-3
 CMF (C58 H40 N2)n
 CCI PMS



CM 2

CRN 14874-70-5

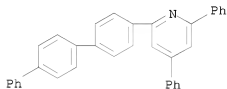
CMF B F4

CCI CCS

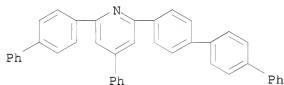


L9 ANSWER 22 OF 23 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1989:515053 CAPLUS
 DN 111:115053
 OREF 111:19291a,19294a
 TI Preparation of 2-(p-terphenyl-4-yl)-4,6-diarylpyridines as scintillators
 IN Kurfuerst, Antonin; Lhotak, Pavel; Kuthan, Josef; Richter, Otakar
 PA Czech.
 SO Czech., 4 pp.
 CODEN: CZXXA9
 DT Patent
 LA Czech
 FAN.CNT 1

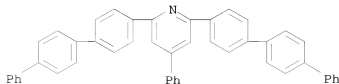
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PI	CS 256977	B1	19880415	CS 1985-9523	19851219
PRAI	CS 1985-9523		19851219		
OS	MARPAT 111:115053				
IT	104584-72-7P 122504-26-1P 122504-27-2P				
	RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of, as scintillator)				
RN	104584-72-7 CAPLUS				
CN	Pyridine, 2,4-diphenyl-6-[1,1':4',1''-terphenyl]-4-yl- (9CI) (CA INDEX NAME)				



RN 122504-26-1 CAPLUS
 CN Pyridine, 2-[1,1'-biphenyl]-4-yl-4-phenyl-6-[1,1':4',1''-terphenyl]-4-yl- (9CI) (CA INDEX NAME)



RN 122504-27-2 CAPLUS
 CN Pyridine, 4-phenyl-2,6-bis([1,1':4',1''-terphenyl]-4-yl)- (9CI) (CA INDEX NAME)



L9 ANSWER 23 OF 23 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 1986:560475 CAPLUS
 DN 105:160475
 OREF 105:25745a
 TI New organic components for scintillation technique - substituted pyridine
 derivatives of oligophenylene type
 AU Svobodova, Blanka; Richter, Otakar; Kuthan, Josef; Kurfurst, Antonin
 CS Vyzk. Ustav Pristroju Jad. Tech., K.U.O., TESLA, Premysleni, Czech.
 SO Jaderna Energie (1986), 32(4), 153-6
 CODEN: JADEAQ; ISSN: 0448-116X
 DT Journal
 LA Czech
 IT 104584-72-7
 RL: PROC (Process)
 (scintillation of)
 RN 104584-72-7 CAPLUS
 CN Pyridine, 2,4-diphenyl-6-[1,1':4',1''-terphenyl]-4-yl- (9CI) (CA INDEX
 NAME)

